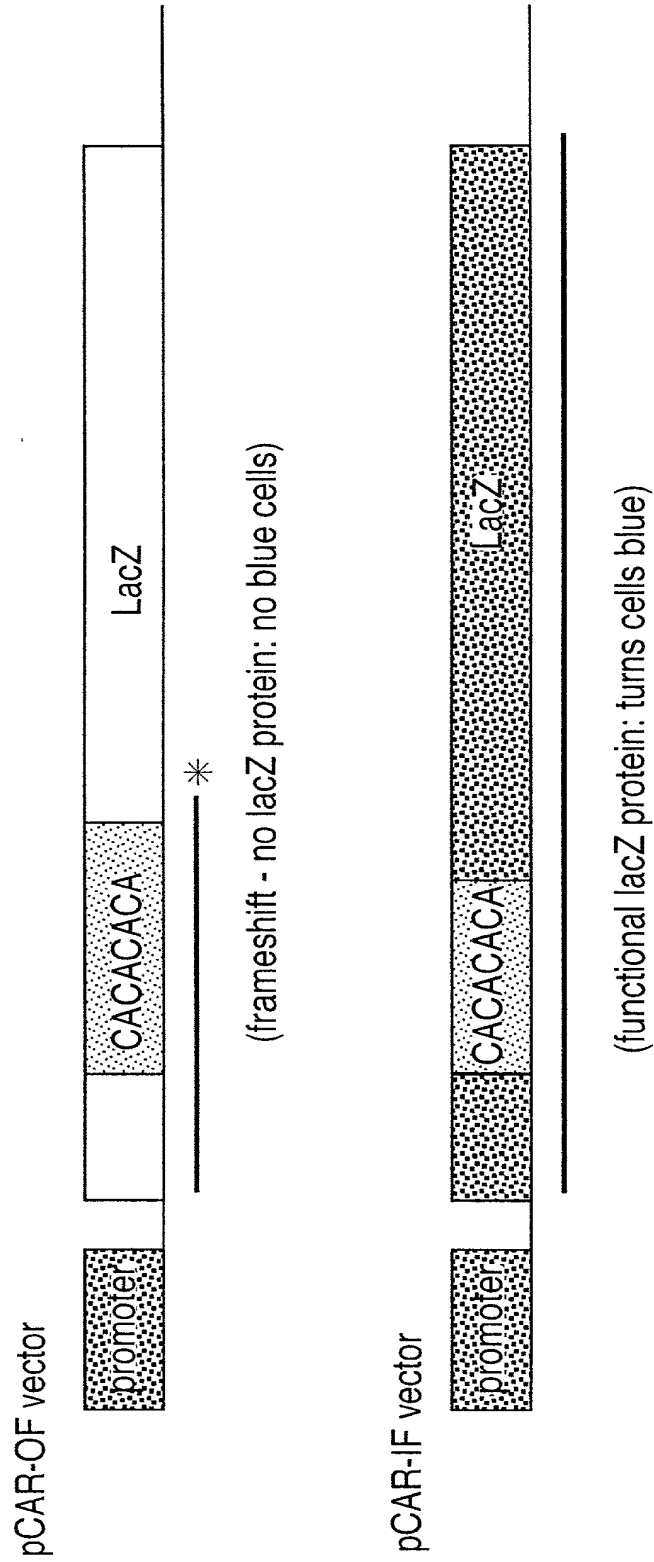
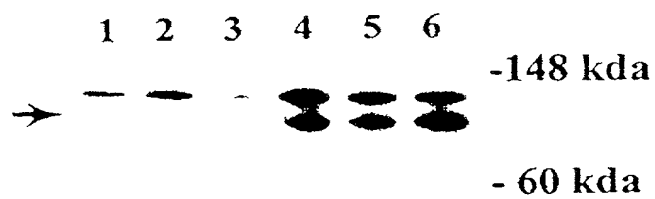


#6

**FIG. 1**



**FIG. 2A**



**FIG. 2B**

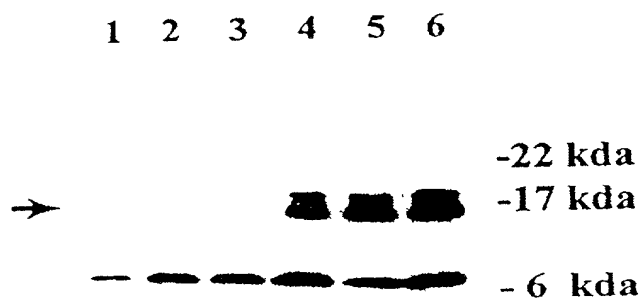
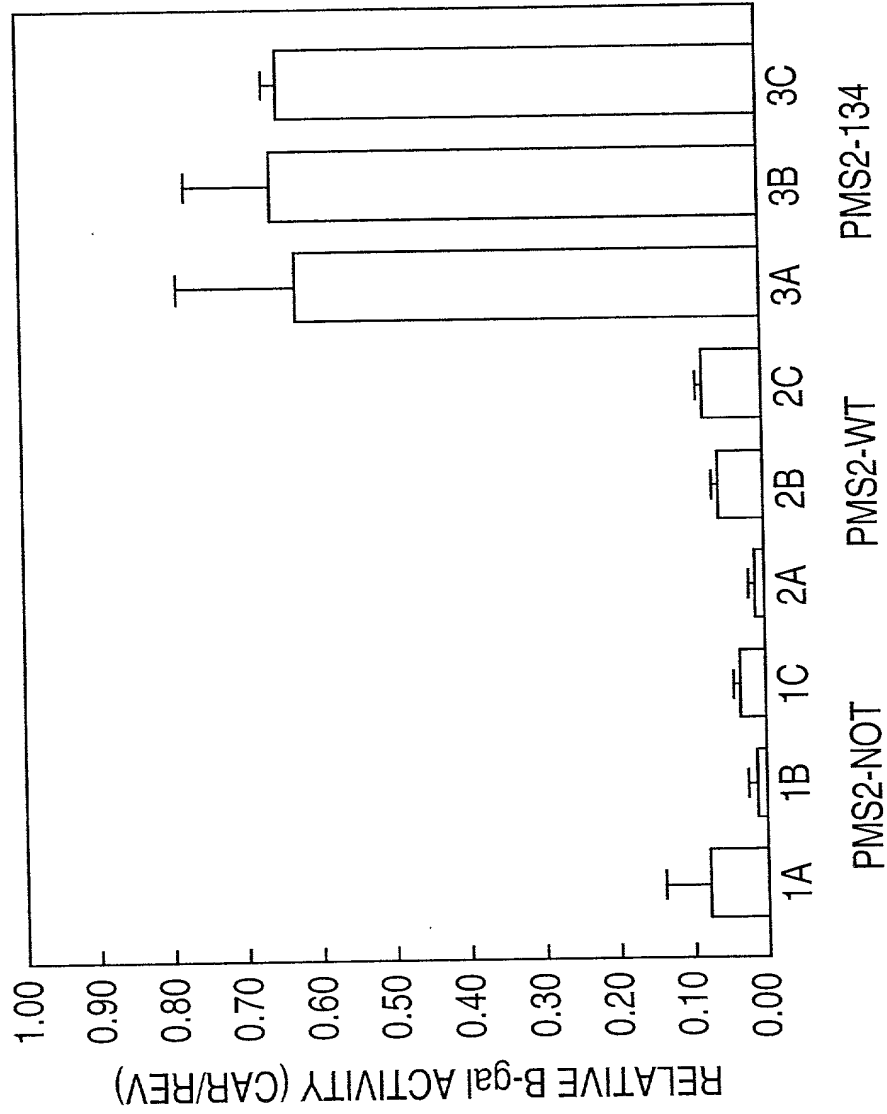
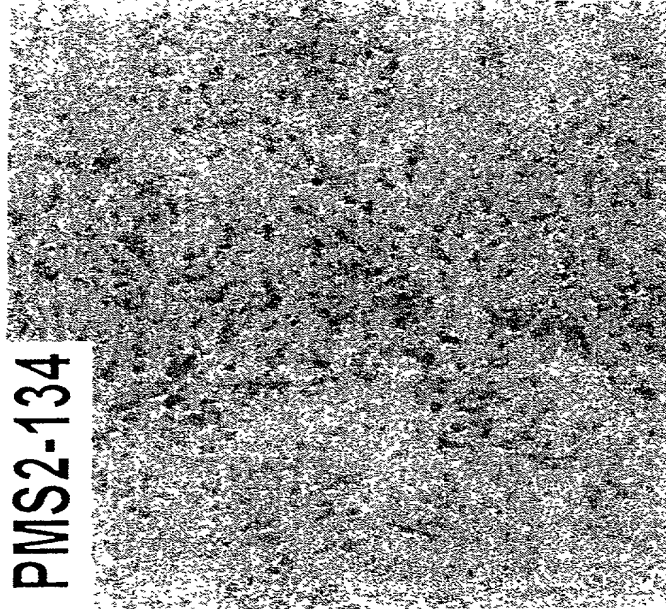


FIG. 2C



**FIG. 3B**  
**PMS2-134**



**FIG. 3A**  
**PMS2-WT**

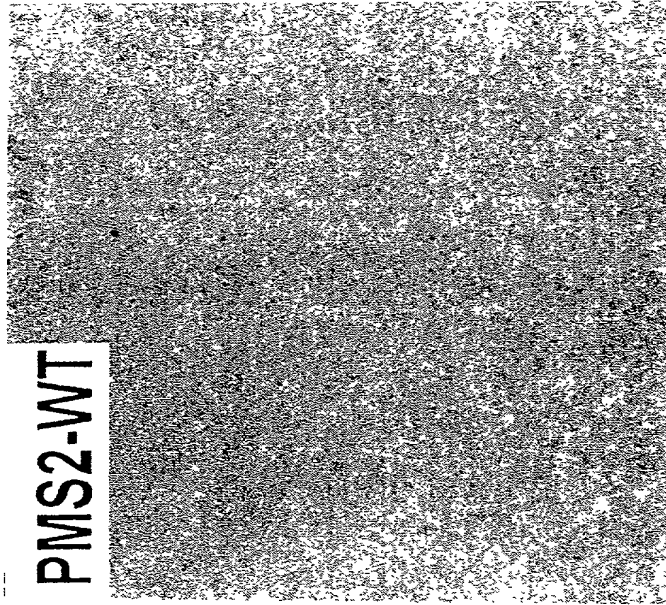
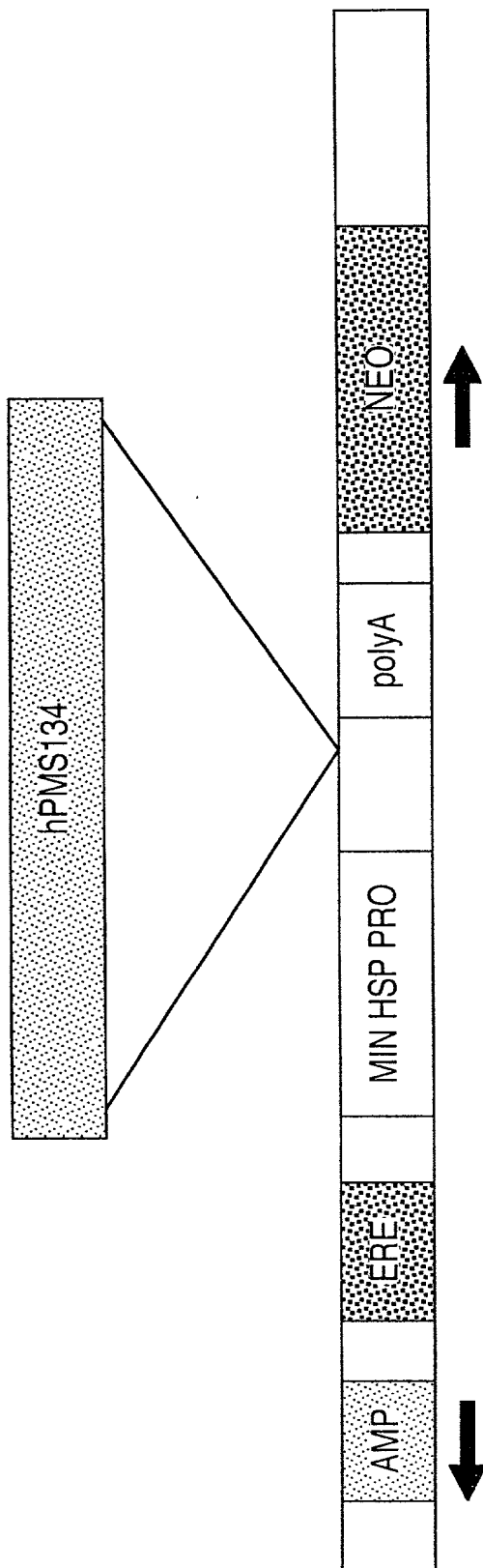


FIG. 3A

**FIG. 4**



AMP= ampicillin resistance gene

ERE= ecdysone response elements

MIN HSP PRO= minimal heat shock promoter

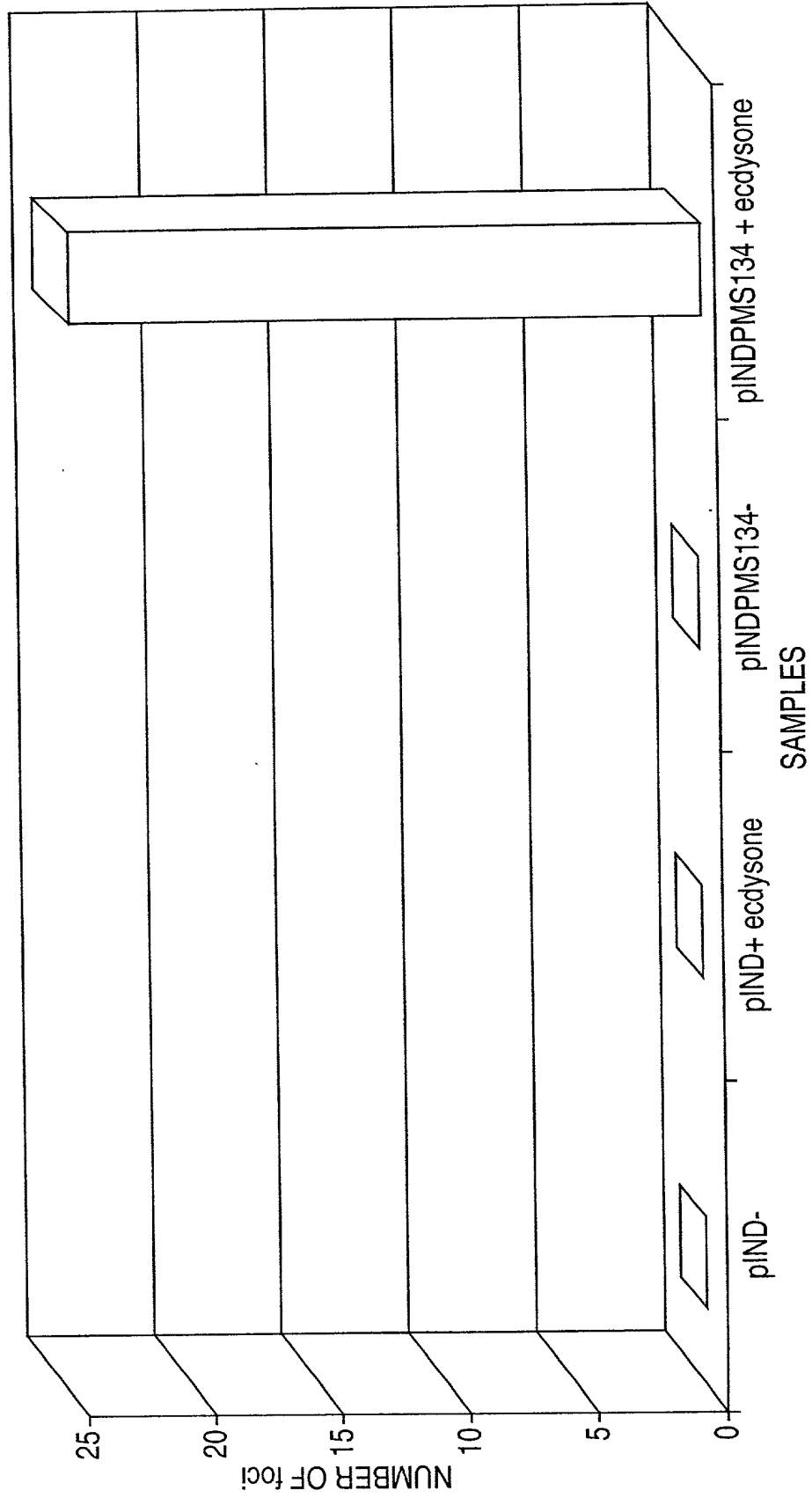
hPMS134= dominant negative MMR allele

polyA= BGH polyadenylation signal

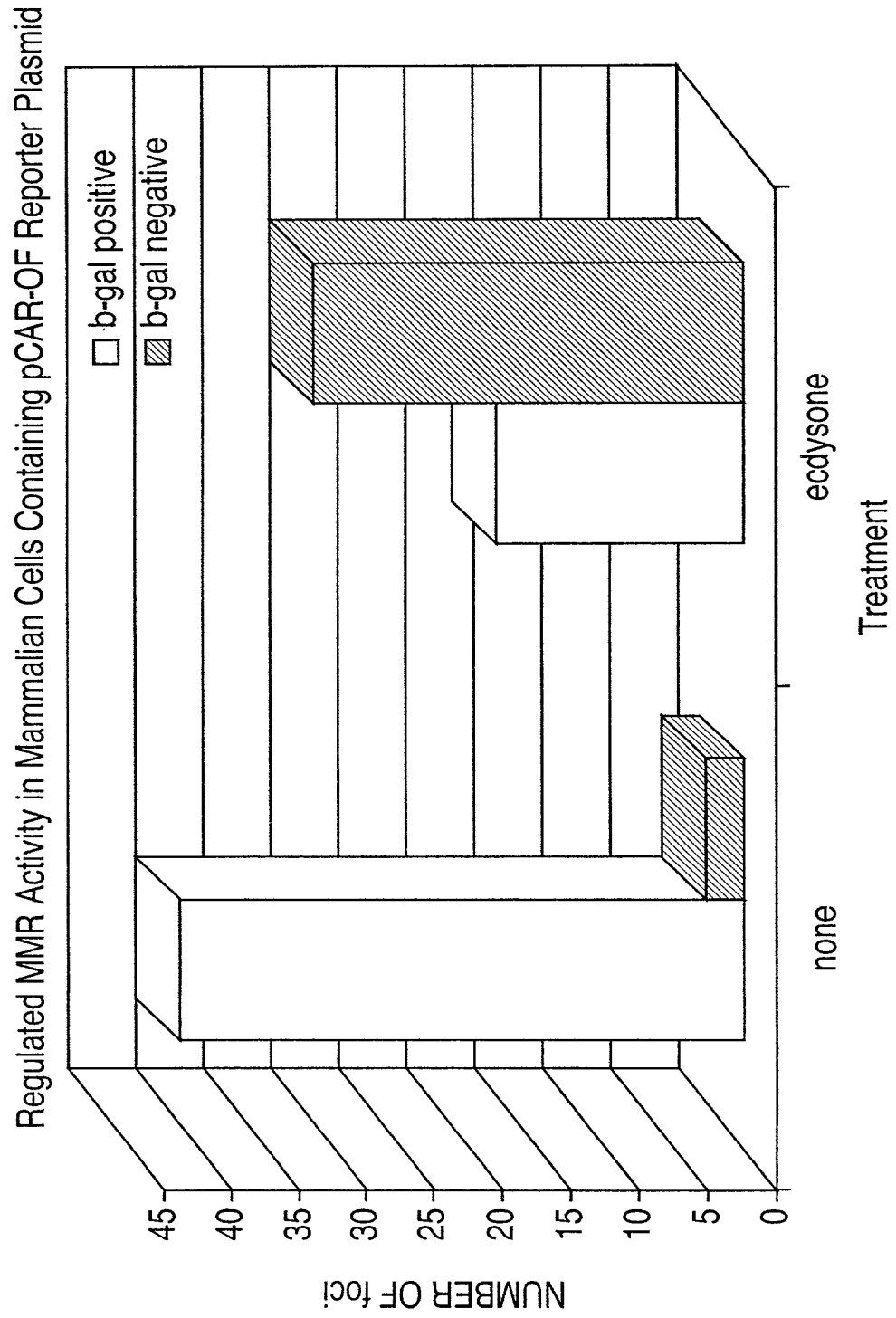
NEO= neomycin phosphotransferase gene

**FIG. 5**

Alteration of  $\beta$  - galactosidase reporter genes after induction of dominant negative MMR gene expression



**FIG. 6**



## FIG. 7

polyPNP: out-of-frame polyA tract encodes for a truncated polypeptide

Met

ATGGCAAAAAAAAAAAAAAAAAA

Purine Nucleotide Phosphorylase	HA
---------------------------------	----

\*

PNP: in-frame polyA tract encodes for a full-length polypeptide

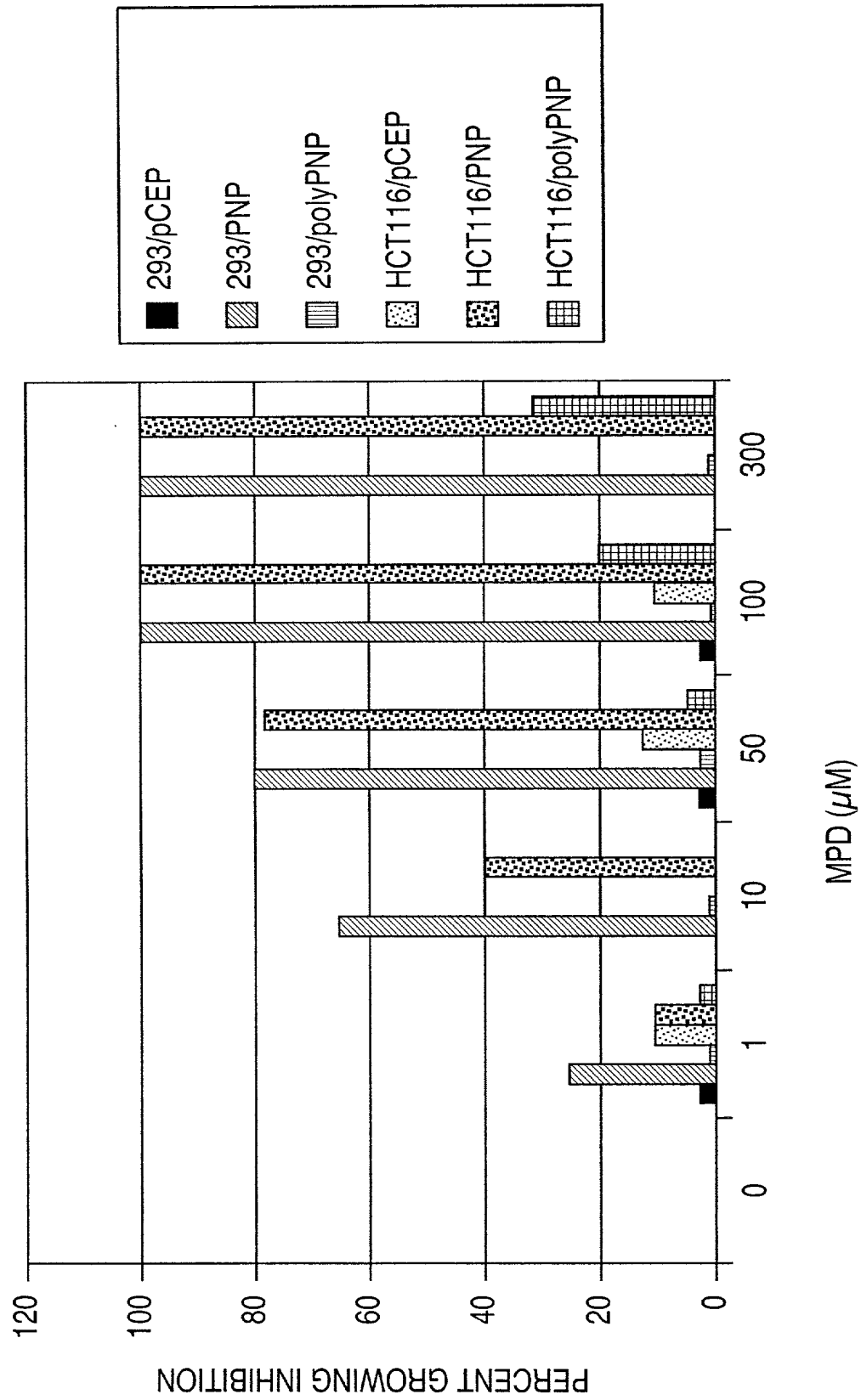
Met

ATGGCAAAAAAAAAAAAAAAAAA

Purine Nucleotide Phosphorylase	HA
---------------------------------	----



**FIG. 8A**



**FIG. 8B**

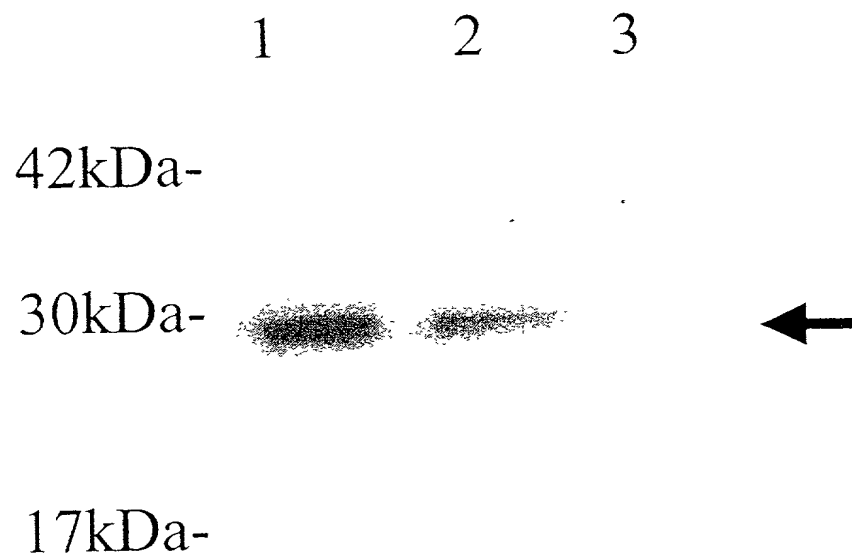


FIG. 9

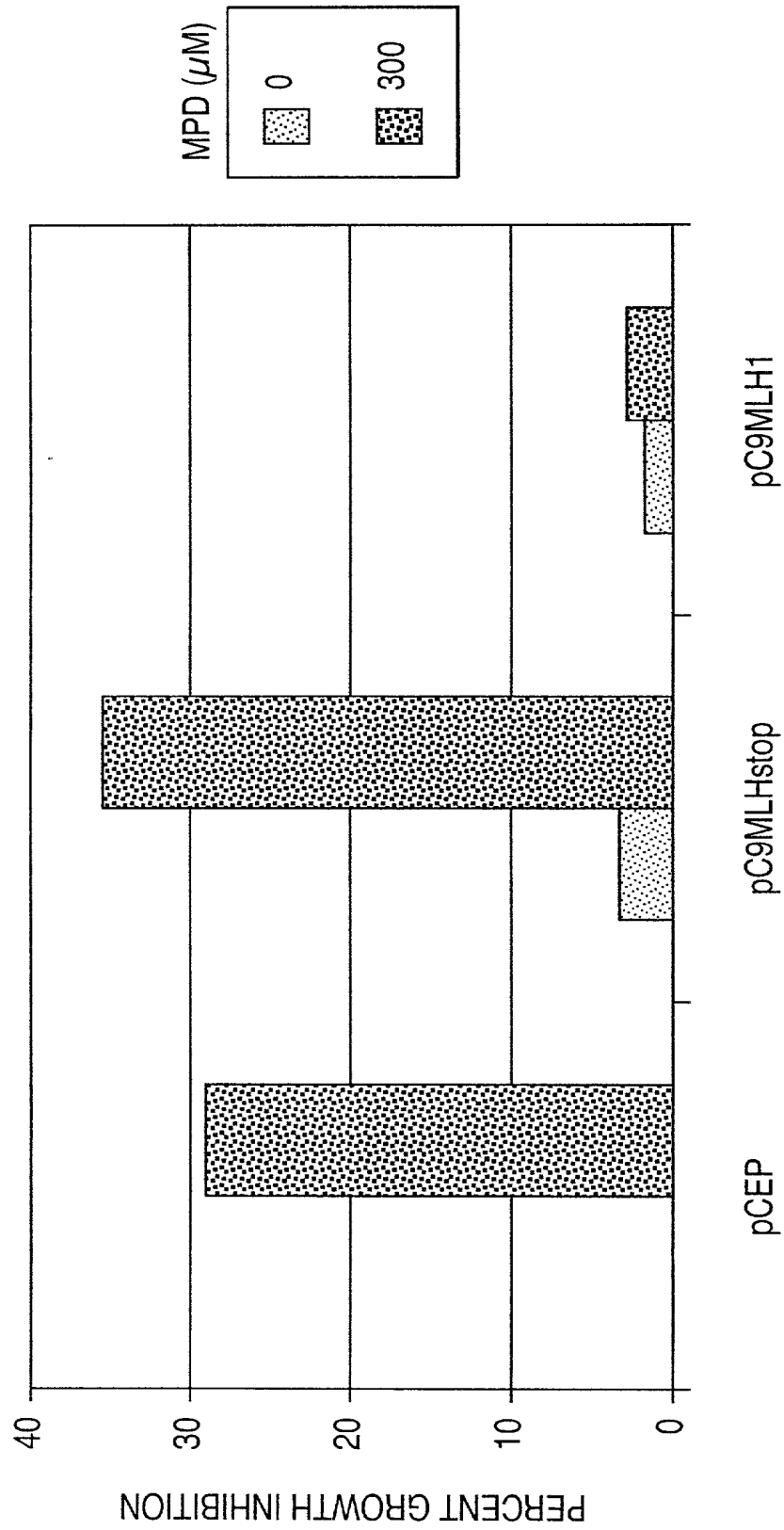


FIG. 10B

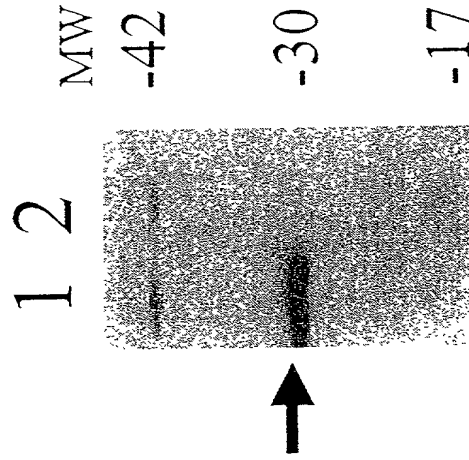


FIG. 10A

